

Pegasus Pneumatic User & Installation Instructions

PLUMBERS

INSTRUCTIONS

Switch on the ELCB which will be located outside the bathroom.

The bath must be run to at least 2 inches above jet level before the whirlpool can be operated.

Whirlpool

Push the on/off button once to activate the whirlpool and again to deactivate.

Air Control

Whilst the whirlpool is running you can turn the air control to increase the air flow to the jets - the more air the greater the pressure.

Turbo Whirlpool

If you have a turbo whirlpool the air control will be replaced by a second on/off button. Push this button whilst the whirlpool is in operation to activate the 'turbo boost'.

Hydro Whirlpool



Hydro systems are controlled by 2 on/off buttons and a diverter valve (pictured above). Air from the blower can be directed to the whirlpool system using the diverter valve giving a 'turbo-boosted' massage.

Push the on/off buttons once to activate each feature and again to deactivate them. Once both the whirlpool and the airpool are in operation the diverter valve can be turned to choose between 3 massage options; turbo whirlpool only, spa only or both at the same time.

System Blow Dry

This feature is only available on turbo and hydro systems.

Once you have emptied your whirlpool bath activate the blower for a couple of minutes to dry the pipework.

Cleansing

For cleansing of your whirlpool system we recommend regular use of our whirlbath cleanser and sanitiser tablets.

Installation Instructions

IMPORTANT - Do not use a knife to remove the wrapping.

This bath has been factory fitted with a quality whirlpool system. Once fitted the whole system has then been water & electrically tested, quality inspected and then wrapped to ensure that it arrives with you in perfect working order.

The quality of this finished product is now in your hands. Please read all the instructions overleaf before commencing installation. Should you have any difficulty then ring our **Duty Technical Support Engineer on 01633 244555**.

It is the responsibility of the contractor/purchaser to ensure that this bath is installed only by a qualified Plumber & a qualified Electrician. All electrical connections must comply with the current edition of I.E.E. Regulations. After connection the appropriate completion certificate must be presented to the end user in accordance with I.E.E. Regulations.

WARNING - If damage is caused to the system due to mishandling or incorrect installation, Whirlpool Express (UK) Ltd reserve the right to charge for any repair work needed! Our Callout charge is £75.00 plus VAT and will be charged to the customer for all callouts whether the fault lies with the customer or the installers.

Apology to installers

This whirlpool system has been fitted to this bath so as to allow as little water as possible to remain in the pipework after use. With some baths (especially corner baths) our best fit policy can occasionally mean a pump position or awkwardly placed pipework which will make life difficult for the installer and increase the normal installation time.

Our policy on water retention is, that is is better for the installer to "suffer" for a couple of hours, than for the end-user to suffer for years - If you are one of the few installers to "suffer", please accept our apologies.

The quality of this finished product is now in your hands. If you would like to discuss the options available, please ring us on our **Duty Technical Support Engineer on 01633 244555**.

- ☒ **DO NOT** lift or manoeuvre the bath by the whirlpool pipework.
- ☒ **DO NOT** remove the protective tape from the controls on the rim of the bath until all plastering and grouting has been completed. Grout dust has been known to cement the aircontrol solid.
- ☒ **DO NOT** remove any electrical ties on the pipework - they are there for a purpose.
- ☒ **DO NOT** allow the electrician to install the E.L.C.B. under the bath - it makes it awkward for the customer to carry out monthly testing.
- ☒ **DO NOT** allow anyone to dry run the pump. i.e.do not run the pump without water in the system. Water acts as a coolant for the pump impellor and casing without which costly damage will occur.
- **ACCESS must be allowed** to remove the pump and control box.
- Assemble the bath legs etc as per the manufacturers instructions taking care if the bath has to be turned upside down. Occasionally we will temporarily fit the legs to the bath when fitting the whirlpool system. If the legs are subsequently left on the bath it is still the plumbers responsibility to check that all screws and brackets are in place.
- Fit and adjust to correct height the pump bracket support leg
- Adjust feet to the required height for the bath panel and slide the bath into position.
- Set the bath level and prefit the bath into the desired position. Check that the pump is within the confines of the bath. If the pump exceeds the confines of the bath it will be necessary to chase out the wall to accommodate the pump. This should be done before the bath is finally fitted.
- Ensure that all hot water pipes are clear of the whirlpool pipework - If necessary remove bath and re-



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P E G A S U S
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make the hot water pipes keeping the blow torch away from the bath and whirlpool pipework. (Hepworth) fittings could be used to good advantage.)

- When the bath is level in the required position, and before final fixing takes place, temporarily connect the waste and water feeds, fill the bath with warm water to the level of the overflow and operate the whirlpool system under pressure for a period of 20 minutes. During this time all joints should be checked to ensure that they have not been damaged or weakened in transit. Leave the bath standing with water in it for a further 20 minutes and recheck the joints. Carry out procedures detailed in the commissioning checklist opposite.
- **Please note that we will not accept responsibility for removing the bath to repair any leaks which are discovered after the bath has been finally fixed and tiled in place.**
- The bath is now ready for an electrician to make the final electrical connection.

ELECTRICIANS INSTRUCTIONS

- The whirlpool system must be protected by an ELCB/RCCB. If one is not already fitted to the mains board of the property it is necessary to do so now. Alternatively an ELCB/RCCB may be installed on the spur supplying the whirlpool system. In most circumstances the system may be connected into the 13 amp ring main, it does not need a separate supply from the main board. This connection should be made via a 13 amp fused spur, located outside of the bathroom.
- It is not advisable to locate the E.L.C.B./R.C.C.B. under the bath, it is awkward for testing and does not necessarily protect the wiring going into the bathroom!
- **DO NOT** remove the protective tape from the controls on the rim of the bath until all plastering and grouting has

been completed. Grout dust has been known to cement the aircontrol solid.

- **DO NOT** remove any electrical ties on the whirlpool pipework - they are there for a purpose. If you wish to relocate any of the electrical boxes for ease of access after installation please make sure that wires are not stretched.
- **DO NOT** allow anyone to dry run the pump. i.e. do not run the pump without water in the system. Water acts as a coolant for the pump impellor and casing without which costly damage will occur.
- If it is necessary to remove the pump from the bath ensure that when it is re-installed that the rubber seals are in place.
- The pump and controls have been pre-wired for ease of installation - please double check that all connections have travelled well and are to your satisfaction.
- Connect the unassigned mains cable from the control box through the E.L.C.B. to the 13A fused spur.
- Connect the earth bonding as required by I.E.E. Regulations.
- In the absence of a plumber it is advisable that the electrician carries out the initial commissioning procedures - see below.
- The electrical installation should now be inspected in accordance with the latest edition of I.E.E. regulations and the Completion Certificate signed and handed to the customer.

COMMISSIONING CHECKLIST

- ① Fill the bath with water to a level of 2" above the level of the jets check the system for leaks, please pay particular attention to the pump unions.
- ② Demonstrate the operation of the whirlpool to the customer
- ③ Show the customer how to carry out the monthly test of the E.L.C.B.
- ④ If the bathroom is to be tiled after

installation please place protective wrapping back over the controls to prevent contamination with grout dust.

- ⑤ Hand these instructions, the electrical completion certificate and the system guarantee to the customer.
- ⑥ Explain how the whole system can be isolated by means of the fused spur.

FAULT FINDING

Symptom

Press on/off button - nothing happens.

Solution

Check water is above the water level sensor and that the light is showing on the water level sensor. Check power supply is getting to control box. Check operation of the ELCB if the ELCB fails to test then the problem is at the fuse in the fused spur. If power supply is getting to Control box then check connections to pump and ancillaries are intact and have not been stressed.

LETS GET IT RIGHT FOR THE CUSTOMER -NOW

Our Technical Support Engineer is available to help you on:

01633 244555

8am to 8pm - 7 days a week

Thank you for taking the time to read these instructions. We have genuinely tried to make installation as uncomplicated as possible for both the plumber and the electrician. Many of the improvements we have made to our systems over the years have been as a result of feedback from installers. If you have any suggestions for further improvements that could be made, please write and let me know.

Roger Thompson
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